

## CLAIMS

We claim:

1           1).    A method, comprising:  
2               synchronizing directly a computing device and an enterprise server,  
3               comprising;  
4               retrieving a record extraction sequence from the server; and  
5               extracting records stored on a database according to the record  
6               extraction sequence, wherein the extracted records are not already  
7               stored on the computing device.

1           2).    The method of claim 1, further comprising:  
2               logging-in to the server from the computing device, wherein the  
3               computing device is a handheld device; and  
4               retrieving a persistent node ID from the server for the handheld.

1           3).    The method of claim 2, further comprising:  
2               retrieving one or more views from the server that are not already on  
3               the handheld device; and  
4               retrieving one or more business objects from the server that are not  
5               already on the handheld device.

1           4).    The method of claim 3, further comprising:



2 providing one or more views to the handheld that are not already on  
 3 the handheld device; and  
 4 providing one or more business objects to the handheld that are not  
 5 already on the handheld device.

1 9). The method of claim 8, further comprising:  
 2 processing transactions on the server; and  
 3 providing one or more events to the handheld that are not already on  
 4 the handheld device.

1 10). The method of claim 9, further comprising:  
 2 providing a PDA repository associated with the handheld device to the  
 3 handheld device.

1 11). A system, comprising:  
 2 means for synchronizing directly a handheld device and an enterprise  
 3 server, comprising;  
 4 means for retrieving a record extraction sequence from the server; and  
 5 means for extracting records stored on a database according to the  
 6 record extraction sequence, wherein the extracted records are not  
 7 already stored on the handheld device.

12). The system of claim 11, further comprising:  
 means for logging-in to the server from the handheld; and  
 means for retrieving a persistent node ID from the server for the  
 handheld.

13). The system of claim 12, further comprising:  
 means for retrieving one or more views from the server that are not  
 already on the handheld device; and  
 means for retrieving one or more business objects from the server that  
 are not already on the handheld device.

14). The system of claim 13, further comprising:  
 means for processing transactions on the server; and  
 means for retrieving one or more events from the server that are not  
 already on the handheld device.

15). The system of claim 14, further comprising:  
 means for retrieving a PDA repository associated with the handheld  
 device from the server.

16). A system, comprising:

2 means for synchronizing directly a handheld device and an enterprise  
 3 server, comprising;  
 4 means for providing a record extraction sequence to the handheld;  
 5 means for extracting records stored on a database according to the  
 6 record extraction sequence, wherein the extracted records are not  
 7 already stored on the handheld device; and  
 8 means for providing the records to the handheld device.

1 17). The system of claim 16, further comprising:  
 2 means for verifying the handheld device has a valid logon ID; and  
 3 means for providing a persistent node ID to the handheld.

1 18). The system of claim 17, further comprising:  
 2 means for providing one or more views to the handheld that are not  
 3 already on the handheld device; and  
 4 means for providing one or more business objects to the handheld that  
 5 are not already on the handheld device.

1 19). The system of claim 18, further comprising:  
 2 means for processing transactions on the server; and  
 3 means for providing one or more events to the handheld that are not  
 4 already on the handheld device.

1           20).   The system of claim 19, further comprising:  
2           means for providing a PDA repository associated with the handheld  
3           device to the handheld device.

1           21).   A computer-readable medium having stored thereon a plurality of  
2   instructions, said plurality of instructions when executed by a computer, cause  
3   said computer to perform:  
4           synchronizing directly a handheld device and an enterprise server,  
5           comprising;  
6           retrieving a record extraction sequence from the server; and  
7           extracting records stored on a database according to the record  
8           extraction sequence, wherein the extracted records are not already  
9           stored on the handheld device.

1           22).   The computer-readable medium of claim 21 having stored thereon  
2   additional instructions, said additional instructions when executed by a computer,  
3   cause said computer to further perform:  
4           logging-in to the server from the handheld; and  
5           retrieving a persistent node ID from the server for the handheld.







6 providing one or more business objects to the handheld that are not  
7 already on the handheld device.

1 29). The computer-readable medium of claim 28 having stored thereon  
2 additional instructions, said additional instructions when executed by a  
3 computer, cause said computer to further perform:  
4 processing transactions on the server; and  
5 providing one or more events to the handheld that are not already on  
6 the handheld device.

1 30). The computer-readable medium of claim 29 having stored thereon  
2 additional instructions, said additional instructions when executed by a computer,  
3 cause said computer to further perform,  
4 providing a PDA repository associated with the handheld device to the  
5 handheld device.